

Internet Services & Web Development

Cascading Style Sheets

1. Inline styles

- a. Include the following HTML code into a BODY section of a Web page and save it as **css1.html**

```
<h1> Department of Physical Education </h1>

<h2>Vision </h2>

To socialize a law – abiding and socially productive graduate, with the ability of effective leadership
qualities and fair decision making, who is physically and mentally well balanced

<h2> Mission</h2>

To produce an active and healthy generation with theoretical knowledge and practical activities of
Physical Education.
```

- b. Browse your Web page. Save your page as **css2.html**
- c. Using **style attribute** do the changes
 - i. Set the background color to "yellow" and the text color to red in <h1> element
 - ii. Change the color of all <h2> element to "purple".
- d. Browse your Web page and notice the changes

2. Internal Style Sheet

- a. Copy your css1.html file as css3.html . Include the following code into head section of css3.html file
Browse your web page.

```
<style>

h1 {
    color: maroon;
    text-align: center;
}
</style>
```

- b. Change **h1** line as the following. Browse your web page and understand how to group internal styles

```
h1,h2 {color:maroon; text-align:center ;}
```

- c. Set "background-color: linen" for the page

3. External style sheet

- a. Include the following code in a text editor and save your file as **mystyle.css in your working folder**

```
body {
    background-color: lightblue;
}
```

```

h1,h2 {
    color: navy;
    margin-left: 20px;
}

h2 {
    background-color:#ff6347 ;
}

```

- b. Open css1.html file in a text editor and join mystyle.css file as an external style sheet by including the following line in head section

```
<link rel="stylesheet" type="text/css" href="mystyle.css">
```

- c. View your web page

4. CSS Classes

- a. Include the following HTML code into a Web page and save it as **css_classes.html**

```

<!DOCTYPE html>
<html>
<head>
<style>

</style>
</head>
<body>
<div>
<h1>This is a Heading</h1>
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

</div>

<div>
<ul> <li>one
<li> two
</ul>
</div>
<h2> Register Now </h2>
</body>
</html>

```

- b. Change the text color of all elements with the class "colortext", to "red".
- c. Change the background color of all <p> elements with the class "highlight", to "yellow".
- d. Name the first div element as "container" using id attribute
- e. Change the background color of the div element named container
- f. **CSS class for a specific tag**

Write down following line anywhere in between style section.

li.style1 {background-color:purple }

- g. Call your class in tags and <h2> tag and understand the difference between class and class for a specific tag

5. Working with layouts

- a. Try to create a two column layout using the codes given below. Write the following under the body section of your web page

```
<div style="width:500px">
```

```
    <div style="background-color:yellow;
```

```
        height:200px;
```

```
        width:100px;
```

```
        float:left;">
```

```
        left column text goes here
```

```
    </div>
```

```
    <div style="background-color:purple;
```

```
        height:200px;
```

```
        width:400px;
```

```
        float:left;">    right column text goes here
```

```
    </div>
```

```
</div>
```

- b. Delete all CSS style codes in your web page. Make an external style sheet to above css styles.
- c. Link your external sheet to web page and browse your web page

6. Write statements in a CSS file (External Style Sheet) to do the following Tasks

- i. A rule for all heading tags making the color green
- ii. Change background color of a page to #cccccc hex value
- iii. A CSS class to center text
- iv. A CSS class to justify text
- v. Include divisions according to the details given in the table below.

Division Name	Attributes	Values/Requirements
Container	Width top margin left & right Margin Padding border	1000px 10px auto 10px 2px solid #000000
header	Padding background color	All padding should be 10px #f0e2bb
footer	Background color color	#933 #FFFFFF
content	Background color	#fff

- b. Write relevant HTML codes to make the web page shown in figure1 . Include the external style sheet (style.css) you written above

